



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
100-1194

Date of Issuance:  
JUN 30 2004

NOTICE OF PESTICIDE:

- Registration
- Reregistration  
(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Reward AccuGel Aquatic  
Herbicide

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection  
P.O. Box 18300  
Greensboro, NC 27419

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.

2. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 100-1194".

b. In the Precautionary Statements Statement delete the "Exemption:...." section. If you wish to add this section submit application for amended registration and documentation that once the application equipment is loaded there is no possibility of inhalation or skin exposure to applicators from subsurface water application of this product.

Signature of Approving Official:

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Date:

JUN 30 2004

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EPA Reg. No. 100-1194

c. Please note that 40 CFR 156.10(i)(1)(ii) states that only the Directions For Use may appear on printed or graphic matter which accompanies the pesticide. The referral statement "See additional precautionary statements...inside booklet" implies that the precautionary statements are inside a booklet. If all of the Precautionary Statements and First Aid Statements cannot appear on the outside container label due to size constraints, you should formally submit a request for a size exemption from the regulations.

d. On page 9 in Table 1 in the Spray Tank Applications and Irrigation to Turf and Ornamentals column reinstate all of the restrictions that appear on the "me-too" product EPA Reg. No. 100-1091; for example, at 5 gals./surface acre the holding period is 3 days not 1 day. If you wish lower the holding periods submit application for amended registration and documentation that supports the shorter holding periods.

4. Submit the results of storage stability (GRN 830.6317) and corrosion characteristics (GRN 830.6320) studies to EPA upon completion.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

3/19

(BOOKLET)

**Reward® AccuGel™ Aquatic Herbicide**

**TO PREVENT ACCIDENTAL POISONING, NEVER PUT INTO FOOD, DRINK, OR OTHER CONTAINERS, AND USE STRICTLY IN ACCORDANCE WITH ENTIRE LABEL.**

**DO NOT USE THIS PRODUCT FOR REFORMULATION.**

Active ingredient:

Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c)

pyrazinediium dibromide] ..... 16.6%

Other Ingredients: ..... 83.4%

Total: ..... 100.0%

Contains 8.89% (w/w) diquat cation, equivalent to 0.831 lbs. diquat cation per gallon.

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING / AVISO**

Si usted no entiende la etiqueta, busdque a alguien para que se la explique a usted en detaile. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-  
EPA Est.

Product of United Kingdom  
Formulated in the USA

2.5 gallons  
Net Contents

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
**JUN 30 2004**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

100-1194

<b>FIRST AID</b>	
<b>In inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>NOTE TO PHYSICIAN</b>	
To be effective, treatment for diquat poisoning must begin IMMEDIATELY. Treatment consists of binding diquat in the gut with suspensions of activated charcoal or bentonite clay, administration of cathartics to enhance elimination, and removal of diquat from the blood by charcoal hemoperfusion or continuous hemodialysis.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOTLINE NUMBER</b>	
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	

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## PRECAUTIONARY STATEMENTS

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### Hazards to Humans and Domestic Animals

#### WARNING / AVISO

May be fatal if inhaled. Do not breathe spray mist. Causes skin irritation. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin eyes or clothing.

### Personal Protective Equipment (PPE)

#### Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves (Category A such as barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils, or viton  $\geq 14$  mils)
- Chemical resistant footwear plus socks
- Protective eyewear
- Chemical resistant headgear for overhead exposure
- Chemical resistant apron when cleaning equipment
- A NIOSH approved respirator with any N, R, P, or HE filter

**Exception:** At a minimum, applicators for AQUATIC SUBSURFACE APPLICATIONS must wear (Note: Mixers and Loaders for this application method must still wear the personal protective equipment (PPE) as described in the above section):

- Short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **User Safety Recommendations**

#### **Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **Environmental Hazards**

This pesticide is toxic to aquatic invertebrates. Do not apply to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Reward AccuGel Aquatic Herbicide should be used only in accordance with recommendations on this label or in separately published EPA accepted supplemental labeling recommendations for this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

**Do not apply this product through any type of irrigation system.**

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep all unprotected persons out of operating areas or vicinity where there may be drift.

**Early Entry Restrictions:** Do not enter treated areas while treatments are in progress.

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### STORAGE AND DISPOSAL

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Do not contaminate water, food, or feed by storage or disposal.

#### **Pesticide Storage**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed, foodstuffs, or drinking water. Do not store or transport near feed or food. Store at temperatures above 32°F. For help with any spill, leak, fire, or exposure involving this material, call 1-800-888-8372.



### **Pesticide Disposal**

Opening dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### **Container Disposal**

Do not reuse container. Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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### **AQUATIC USE DIRECTIONS**

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For application only to **still water** (i.e., ponds, lakes, and drainage ditches) where there is minimal or no outflow to public waters.

and/or

For applications to **public waters** in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, canals, streams, rivers, and other slow-moving or quiescent bodies of water for control of aquatic weeds. For use by:

- Corps of Engineers; or
- Federal or State Public Agencies (i.e., Water Management District personnel, municipal officials); or
- Applicators and/or Licensees (certified for aquatic pest control) that are authorized by the State or Local government.

### **GENERAL INFORMATION**

Reward AccuGel Aquatic Herbicide is a novel vegetation management tool for use in sensitive aquatic and wetland sites. Reward AccuGel Aquatic Herbicide has been specifically developed to control invasive or nuisance plants from sites where precise applications are desired. Reward AccuGel Aquatic Herbicide is a viscous formulation of diquat dibromide, which is heavier than water. This unique property allows the formulation to easily penetrate thermocline zones, reducing potential off-target herbicide damage. The formulation forms gelatinous strings in the water that become entangled in and adhere to target vegetation. Once in contact with the unwanted vegetation, diquat enters the target weeds and disrupts photosynthesis, resulting in control of actively growing weeds. Reward AccuGel Aquatic Herbicide is a contact herbicide and

must be applied to the target vegetation.

Repeat applications may be necessary for the complete control of unwanted vegetation.

Reward AccuGel Aquatic Herbicide is effective at controlling target weeds in close proximity to structures such as boat docks, marinas, boat ramps, bridges, markers, dams, etc., where accurate placement of herbicide is necessary and or access is limited. Avoid direct contact with boat surfaces and docks.

### **TREATMENT TIMING**

For best results, Reward AccuGel Aquatic Herbicide should be applied during periods of active plant growth, typically during Spring and early Summer. Control of mature vegetation, or plants that have reached the water surface may require additional applications. For control of sensitive filamentous algae, treat prior to matting on the water surface. Repeat applications may be required to provide complete control of target weeds.

### **GENERAL USE PRECAUTIONS**

- New York - Not for Sale or Use in New York State without Supplemental Special Local Needs Labeling.
- Necessary approval and/or permits must be obtained prior to application if required. Consult the responsible State Agencies (i.e., Fish and Game Agencies, State Water Conservation authorities, or Department of Natural Resources before applying to public waters or to water systems which flow directly into public waters).
- If posting is required by your state or tribe – consult the agency responsible for pesticide regulations for specific details.
- Treatment of dense weed areas may result in oxygen loss from decomposition of dead weeds. This loss of oxygen may cause fish suffocation. Therefore, treat only  $\frac{1}{3}$  to  $\frac{1}{2}$  of the water body area at one time where weeds are dense and wait 14 days between treatments.
- Use precision application hoses or similar equipment to place the material as close as possible to target weeds for minimal off-site movement.
- No applications are to be made in areas where commercial processing of fish resulting in the production of fish protein concentrate or fish meal is practiced. Before application, coordination and approval of local and/or State authorities must be obtained.

- For best results, do not apply Reward AccuGel Aquatic Herbicide to muddy water or to plants covered with epiphytic algae. Avoid stirring up sediment during application.

**WATER USE RESTRICTIONS FOLLOWING APPLICATIONS WITH REWARD ACCUGEL AQUATIC HERBICIDE**

Do not enter treated areas while treatments are in progress. There are no restrictions on use of water in the treatment area for recreational purposes including fishing and swimming.

There is a 24-hour restriction on the consumption of treated water by livestock or domestic animals from or in the treated area.

There are no restrictions of irrigation to turfgrass or landscape ornamentals. For production ornamentals including greenhouses and nurseries, please refer to the table below.

Treated water may be used according to the following table or until laboratory analysis shows that the water does not contain more than the designated maximum contaminant level (MCL) goal of 0.02 mg/l. (ppm) of diquat cation.

**Table 1: Water Use Restrictions Following Applications With Reward AccuGel**

Application Rate	Drinking	Fishing and Swimming	Livestock Consumption	Spray Tank Applications** and Irrigation to Turf and Ornamentals	Spray Tank Applications** and Irrigation to Food Crops and Production Ornamentals
5 gals./surface acre	3 days	0	1 day	1 day	5 days
2.5 gals./surface acre	2 days	0	1 day	0 days	5 days
1.9 gals./surface acre	2 days	0	1 day	0 days	5 days
1.25 gals./surface acre	1 day	0	1 day	0 days	5 days
Spot Spray* (<1.25 gal./surface acre)	1 day	0	1 day	0 days	5 days

\*Rates refer to total surface area.

\*\*For preparing agricultural sprays for food crops, turf or ornamentals (to prevent phytotoxicity), do not use water treated with Reward AccuGel Aquatic Herbicide before the specified time period.

When the contents of more than one spray tank is necessary to complete a single aquatic application, no water holding restrictions apply between the consecutive spray tanks.

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## **APPLICATION DIRECTIONS**

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Reward AccuGel Aquatic Herbicide may be applied with handheld, spray gun, boom, helicopter or other equipment calibrated and tested for this product, either as a spot spray or as a broadcast treatment. For spot applications, Reward AccuGel Aquatic Herbicide should be applied in streams or swaths directly to the target area in lines perpendicular to shore. Lines should be applied at intervals to achieve good coverage. For canals, broadcast applications may be made with a vehicle-mounted boom or by boat mounted spray boom.

### **DO NOT ADD OTHER PESTICIDES OR ADJUVANTS TO THE SPRAY TANK.**

Reward AccuGel Aquatic Herbicide may be used to precisely control target vegetation within desirable plant areas. For best results, apply AccuGel directly to the target areas. Treated areas, including narrow channels, can be any shape or size. Avoid applications to weed free areas; the Reward AccuGel Aquatic Herbicide will sink to the bottom of the water body and become inactivated by the sediment.

### **USE RATES**

Apply up to 1.25 gallons Reward AccuGel Aquatic Herbicide per acre-foot of water. Good coverage of the target area is needed for best results. The application rate depends on water depth and weed density; i.e., for deeper water and or greater weed density use the higher rates. Do not exceed 1.25 gallons Reward AccuGel Aquatic Herbicide per surface acre where the average water depth is less than 1 foot or along the shoreline.

**Table 2: Apply Reward AccuGel in Accordance With the Following Table**

Weed Species	Subsurface or Bottom Placement Gals./Surface Acre*	Surface Gals./Surface Acre*
Bladderwort ( <i>Utricularia</i> spp.)	2.5 - 5.0	2.5 - 5.0
Coontail ( <i>Ceratophyllum demersum</i> )	2.5 - 5.0	2.5 - 5.0
Elodea ( <i>Elodea</i> spp.)	2.5 - 5.0	2.5 - 5.0
Brazilian Elodea ( <i>Egeria densa</i> )	2.5 - 5.0	2.5 - 5.0
Naiad ( <i>Najas</i> spp.)	2.5 - 5.0	2.5 - 5.0
Pondweeds <sup>1</sup> ( <i>Potamogeton</i> spp.)	2.5 - 5.0	2.5 - 5.0
Watermilfoils ( <i>Myriophyllum</i> spp.)	2.5 - 5.0	2.5 - 5.0
Hydrilla ( <i>Hydrilla verticillata</i> )	2.5 - 5.0	2.5 - 5.0
Water crowfoots ( <i>Ranunculus</i> spp.)	2.5 - 5.0	2.5 - 5.0
Algae <sup>2</sup> ( <i>Spirogyra</i> spp. & <i>Pithophora</i> spp.)	2.5 - 5.0	5.0

\*For water less than or equal to 2 ft. in average depth of treatment area, use a maximum of 2.5 gals. Reward AccuGel per surface acre. Lowest rates should be used in shallow areas where the water depth is considerably less than the average depth of the entire treatment area, for example, shallow shoreline areas. At water temperatures below 50°-60°F, efficacy and immediacy of results may be reduced.

<sup>1</sup>Reward AccuGel controls *Potamogeton* species except Richardson's pondweed (*P. richardsonii*). For control of *P. robbinsii*, applications must be made when the plants are in the early stages of growth such as in Spring and early Summer.

<sup>2</sup>For suppression of certain filamentous algae species including *Spirogyra* and *Pithophora*, apply according to the submersed use directions.

### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator and the grower. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses, or to applications using dry formulations.

- The distance of the outermost nozzles on the boom must not exceed  $\frac{3}{4}$  the length of the wingspan or rotor.
- Nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees.

Where states have more stringent regulations, they should be observed.

## **Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see **Wind, Temperature and Humidity, and Temperature Inversions**).

## **Controlling Droplet Size**

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of Nozzles** - Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

## **Boom Length**

For some use patterns, reducing the effective boom length to less than  $\frac{3}{4}$  of the wingspan or rotor length may further reduce drift without reducing swath width.

## **Application Height**

Applications should not be made at a height greater than 10 ft. above the top of the target plants, unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

## **Swath Adjustment**

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the treatment site, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

## **Wind**

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential.

**Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

## **Temperature and Humidity**

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

## **Temperature Inversions**

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog, however, if fog is not present inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## **Sensitive Areas**

The pesticide should only be applied when the wind is blowing away from adjacent sensitive areas (e.g., residential areas, known habitat for threatened or endangered species, non-target plants).

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## EQUIPMENT

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Application can be made by backpack or motorized handgun equipment using solid stream nozzles or open discs so that the discharge forms a continuous stream. Only positive displacement pumps are recommended. For spray boom or drop hose applications, the number of delivery lines will depend on the boom width and nozzle spacing. Nozzles should be spaced 12-36 inches apart. The product will flow through in-line and nozzle screens, although use of fine mesh may inhibit flow rate. Allow for over-run effect after shut-off.

**Calibration:** The actual Reward AccuGel Aquatic Herbicide itself must be used for calibration purposes due to changes in viscosity. Measure the volume of product delivered from the nozzle per unit time. The speed of travel and boom width (if using multiple nozzles) is then varied to delivery the required rate per acre.

**Cleaning of Spray Equipment:** After the final application, fill the sprayer with sufficient water and a cleaning solution which is registered for use in aquatics. After agitation, completely spray out the solution on the target area.

**Container Cleaning:** Due to the viscosity of the Reward AccuGel Aquatic Herbicide, after pouring the product into the spray tank, invert the containers with the lid attached and allow to sit until the remaining residue has drained to the lid, where it can be put into the spray tank during the next application. Then rinse with water and put the rinsate into the tank for application to the target area.

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For non-emergency (e.g., current product information), call Syngenta Crop Protection at 1-800-334-9481.
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Product of United Kingdom  
Formulated in the USA

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)



(CONTAINER LABEL)

**Reward® AccuGel™ Aquatic Herbicide**

**TO PREVENT ACCIDENTAL POISONING, NEVER PUT INTO FOOD, DRINK, OR OTHER CONTAINERS, AND USE STRICTLY IN ACCORDANCE WITH ENTIRE LABEL.**

**DO NOT USE THIS PRODUCT FOR REFORMULATION.**

Active ingredient:

Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinediium dibromide] .....	16.6%
<u>Other Ingredients:</u>	<u>83.4%</u>
Total:	100.0%

Contains 8.89% (w/w) diquat cation, equivalent to 0.831 lbs. diquat cation per gallon.

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use inside booklet.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-  
EPA Est.

Product of United Kingdom  
Formulated in the USA

2.5 gallons  
Net Contents

<b>FIRST AID</b>	
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
<p>To be effective, treatment for diquat poisoning must begin IMMEDIATELY. Treatment consists of binding diquat in the gut with suspensions of activated charcoal or bentonite clay, administration of cathartics to enhance elimination, and removal of diquat from the blood by charcoal hemoperfusion or continuous hemodialysis.</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<b>HOTLINE NUMBER</b>	
<p>For 24-Hour Medical Emergency Assistance (Human or Animal)  or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident)  Call  <b>1-800-888-8372</b></p>	

**Environmental Hazards**

This pesticide is toxic to aquatic invertebrates. Do not apply to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

**Do not apply this product through any type of irrigation system.**

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## **STORAGE AND DISPOSAL**

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Do not contaminate water, food, or feed by storage or disposal.

### **Pesticide Storage**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed, foodstuffs, or drinking water. Do not store or transport near feed or food. Store at temperatures above 32°F. For help with any spill, leak, fire, or exposure involving this material, call 1-800-888-8372.

### **Pesticide Disposal**

Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### **Container Disposal**

Do not reuse container. Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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